

e2v

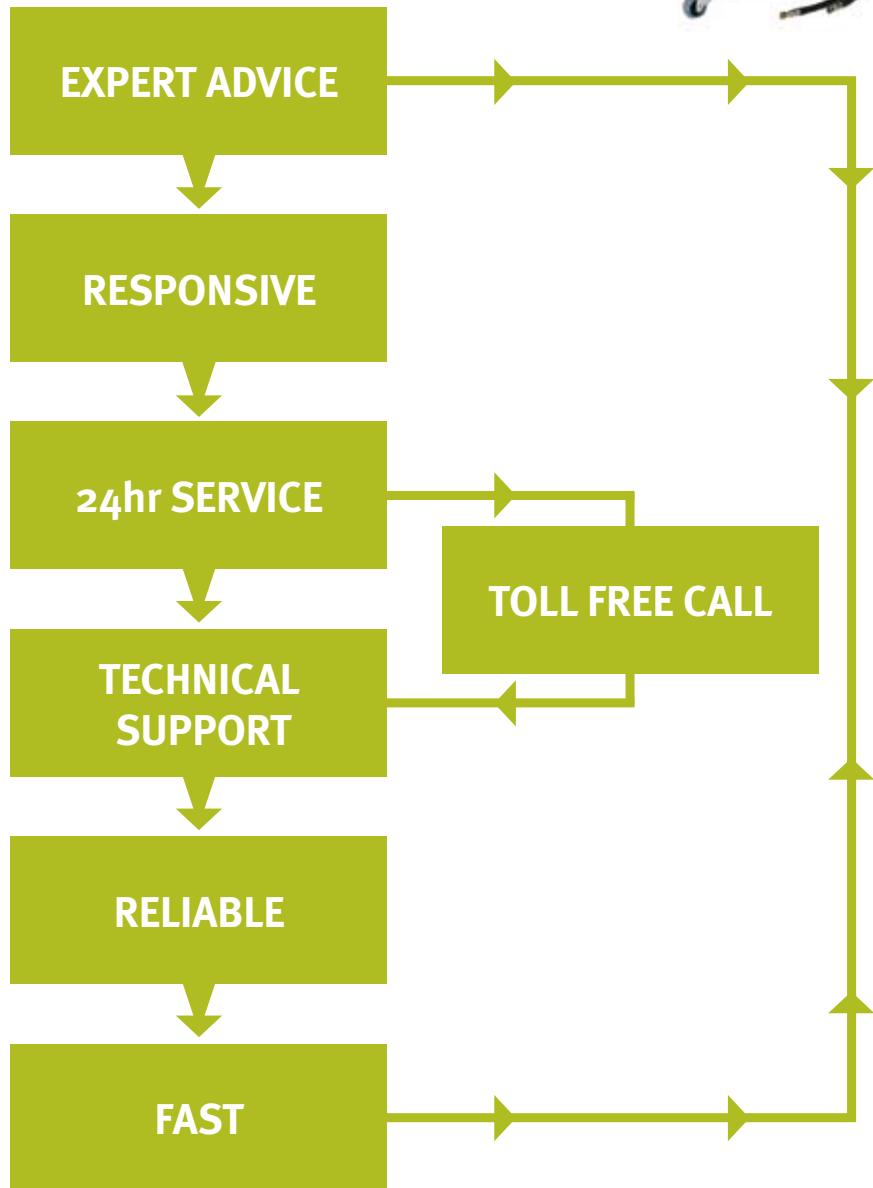
e2v.com/tubes



**For fast, reliable
solutions, e2v
is where to go!**

Whether you're experiencing technical difficulties or are off air, assistance from e2v's experienced technical team is only a toll free call away!

e2v has been a trusted and reliable supplier of amplifier tubes to broadcasters like yourself for more than 50 years! e2v staff appreciate the demands placed on broadcasters and have the resources and products to satisfy your everyday needs.



e2v offer the world's most comprehensive range of TV broadcast tubes

IOT and ESCIOTS

Plug-in EEV IOT Digital

Type	Tube rating peak digital (kW)	Frequency range (MHz)	Primary cooling
ESCIOT5130W	135	470 - 810	5-Stage Water
IOTD3100W	110	470 - 810	Water
IOTD3130W	135	470 - 810	Water

Plug-in EEV IOT Analogue

Type	Tube rating combined amp (kW)	Tube rating combined amp (kW)	Primary cooling
ESCIOT5130W	66+6.6	470 - 810	5-Stage Water
IOTD3100W	55+5.5	470 - 810	Water
IOTD3130W	77+7.7	470 - 810	Water

Removable Cavity EEV IOT Systems Digital

Type	Tube rating peak digital (kW)	Frequency range (MHz)	Primary cooling
IOTD250	55	470 - 810	Water
IOTD270	75	470 - 810	Water
IOTD270E	75	470 - 860	Water
IOTD2100	110	470 - 810	Water
IOTD2130	135	470 - 810	Water

Removable Cavity EEV IOT Systems Analogue

Type	Tube rating peak digital (kW)	Frequency range (MHz)	Primary cooling
IOT8303R	33+3.3	470 - 810	Air
IOTD250 (supercedes IOT8303)	33+3.3	470 - 810	Water
IOTD270 (supercedes IOT8404)	44+4.4	470 - 810	Water
IOTD2100	55+5.5	470 - 810	Water
IOTD2130	77+7.7	470 - 810	Water

Technical Notes IOTs

Type
Operation of Transmitters at Altitude
The Mode of Operation of the EEV IOT (Inductive Output Tube) and its Use in UHF Television Transmitters

Klystrons

Broadband Types

Type	Transmitter output power (kW peak sync)	Frequency range (MHz)	Replacement for
K3270BCD	5-15	470 - 860	YK1220/3, VKP7981
K3271BCD	15-30	470 - 860	YK1230/3/4/5, VKP7982
K3572BCD	40-55	470 - 860	YK1263
K3573BCD	40-55	470 - 860	—
K3672BCD	40-60	470 - 860	YK1265, VKP7984
K3673BCD	40-60	470 - 860	—
K3755	55-70	470 - 860	YK1266
K3773BCD	60-70	470 - 860	YK1267

Thyatron

Product Type Number	Peak Anode Voltage (kV)	Peak Current (kA)	Maximum Average Current (A)
Table - CX2708	40	1.5	(crowbar)

Replacement
EEV IOTs and
ESCIOTs, are all
available for next
day shipment from
our US warehouse.

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For more information
visit: e2v.com/tubes

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